



#6

## SEQUENCE LISTING

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Michael Jarpe  
Ted Ebendal

<120> METHODS FOR TREATING NEUROLOGICAL  
INJURIES AND DISORDERS

<130> 47506 (71095)

<140> 09/756,481

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<150> PCT/US99/15106

<151> 1999-07-02

<150> 60/091,791

<151> 1998-07-06

<160> 2

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 1387

<212> DNA

<213> Artificial Sequence

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ccaggacctc	aaagcacc	cgacctagg	tcaccagccc	actggcccca	gacgcagtgg	180
gctccgctga	ctctcttga	cacctcctgg	gaggaaa	atg ctc cct gtc tgc cat		235

Met Leu Pro Val Cys His

1

5

cgt ttt tgc	gac cac ctc ctc ctc	ctg ctc ttg	ctg ccc tcg acg acc	283
Arg Phe Cys	Asp His Leu Leu Leu	Leu Leu Leu Leu	Pro Ser Thr Thr	
10	15	20		

ctg gcc ccc	gcg cca gca tcc	atg ggc ccc	gct gcc gcc	ctg ctc cag	331
Leu Ala Pro	Ala Pro Ala Ser	Met Gly Pro	Ala Ala Ala	Leu Leu Gln	
25	30	35			

gtt ctt ggg	ctt ccc gaa gcg	ccc cgg agc	gtc ccc aca	cac cga cct	379
Val Leu Gly	Leu Pro Glu Ala	Pro Arg Ser	Val Pro Thr	His Arg Pro	
40	45	50			

gtg cct cct gtc atg tgg cgc cta ttc cgt cgc cgt gac ccc cag gag	427
Val Pro Pro Val Met Trp Arg Leu Phe Arg Arg Arg Asp Pro Gln Glu	
55 60 65 70	
gcc aga gtg gga cgc cct ctg cgg cca tgc cac gtg gag gaa cta ggg	475
Ala Arg Val Gly Arg Pro Leu Arg Pro Cys His Val Glu Glu Leu Gly	
75 80 85	
gtc gcc gga aac att gtg cgc cac atc ccc gac agc ggt ctg tcc tcc	523
Val Ala Gly Asn Ile Val Arg His Ile Pro Asp Ser Gly Leu Ser Ser	
90 95 100	
agg ccc gca caa ccc gcc agg acc tcg ggg ctg tgc ccc gag tgg aca	571
Arg Pro Ala Gln Pro Ala Arg Thr Ser Gly Leu Cys Pro Glu Trp Thr	
105 110 115	
gtc gtc ttt gac ctg tcg aat gtg gag ccc aca gag cgc cca aca cgc	619
Val Val Phe Asp Leu Ser Asn Val Glu Pro Thr Glu Arg Pro Thr Arg	
120 125 130	
gcg cgc tta gag ttg cgg ctg gag gct gag tgt gaa gat aca gga ggg	667
Ala Arg Leu Glu Leu Arg Leu Glu Ala Glu Cys Glu Asp Thr Gly Gly	
135 140 145 150	
tgg gag cta agc gtg gca ctg tgg gcc gac gca gag cat cca ggg cct	715
Trp Glu Leu Ser Val Ala Leu Trp Ala Asp Ala Glu His Pro Gly Pro	
155 160 165	
gag ctg ctg cgc gtg ccg gcg cca cca ggg gtg ctc ctg cgc gca gac	763
Glu Leu Leu Arg Val Pro Ala Pro Pro Gly Val Leu Leu Arg Ala Asp	
170 175 180	
cta ctg ggg act gca gta gcc gcc aac gca tca gtg ccc tgt act gtg	811
Leu Leu Gly Thr Ala Val Ala Ala Asn Ala Ser Val Pro Cys Thr Val	
185 190 195	
cgc ctg gcg ctg tca ctg cac cct ggg gcc act gca gcc tgt ggg cgc	859
Arg Leu Ala Leu Ser Leu His Pro Gly Ala Thr Ala Ala Cys Gly Arg	
200 205 210	
ctg gct gag gcc tcc ctg ctg ctg gtg acg ctg gac cca cgc ctg tgt	907
Leu Ala Glu Ala Ser Leu Leu Leu Val Thr Leu Asp Pro Arg Leu Cys	
215 220 225 230	
ccc ttg ccg cga ttg cgg cgc cac acg gag ccc agg gta gaa gtt ggt	955
Pro Leu Pro Arg Leu Arg Arg His Thr Glu Pro Arg Val Glu Val Gly	
235 240 245	
cca gtg ggc act tgt cgt acc cga cgg ttg cat gtg agc ttc cgt gag	1003
Pro Val Gly Thr Cys Arg Thr Arg Arg Leu His Val Ser Phe Arg Glu	
250 255 260	

gtg ggc tgg cac cgt tgg gtg atc gcg ccg cgt ggc ttc cta gcc aac	1051
Val Gly Trp His Arg Trp Val Ile Ala Pro Arg Gly Phe Leu Ala Asn	
265 270 275	

ttc tgc cag ggc acg tgc gca cta ccc gaa acg ctg agg gga ccc ggc	1099
Phe Cys Gln Gly Thr Cys Ala Leu Pro Glu Thr Leu Arg Gly Pro Gly	
280 285 290	

ggg ccg cct gca ctc aac cac gct gtg ctg cgc gcg ctc atg cac gca	1147
Gly Pro Pro Ala Leu Asn His Ala Val Leu Arg Ala Leu Met His Ala	
295 300 305 310	

gct gct ccc acc ccg ggt gca ggc tcg ccc tgc tgc gtg cca gag cgt	1195
Ala Ala Pro Thr Pro Gly Ala Gly Ser Pro Cys Cys Val Pro Glu Arg	
315 320 325	

cta tca ccc atc tcc gtg ctc ttc ttc gac aat agt gac aac gtg gtc	1243
Leu Ser Pro Ile Ser Val Leu Phe Phe Asp Asn Ser Asp Asn Val Val	
330 335 340	

ctg cga cac tac gaa gac atg gtg gtg gat gag tgt ggc tgc cgt	1288
Leu Arg His Tyr Glu Asp Met Val Val Asp Glu Cys Gly Cys Arg	
345 350 355	

tgaccacccg ggacaccctt tcagggaccg ccccacgcaa aagcagggac tgtttgttca	1348
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Ala Ala Ala Leu Leu Gln Val Leu Gly Leu Pro Glu Ala Pro Arg Ser	
35 40 45	
Val Pro Thr His Arg Pro Val Pro Pro Val Met Trp Arg Leu Phe Arg	
50 55 60	
Arg Arg Asp Pro Gln Glu Ala Arg Val Gly Arg Pro Leu Arg Pro Cys	
65 70 75 80	
His Val Glu Glu Leu Gly Val Ala Gly Asn Ile Val Arg His Ile Pro	
85 90 95	
Asp Ser Gly Leu Ser Ser Arg Pro Ala Gln Pro Ala Arg Thr Ser Gly	
100 105 110	
Leu Cys Pro Glu Trp Thr Val Val Phe Asp Leu Ser Asn Val Glu Pro	
115 120 125	
Thr Glu Arg Pro Thr Arg Ala Arg Leu Glu Leu Arg Leu Glu Ala Glu	
130 135 140	

[illegible]